IAP15 Rec'd PCT/PTO 21 SEP 2006

FORM PTO-1390 (REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

## TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 129519 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

		ONCERNING A FILING UN	•	10/5 rates to phospon				
INTERNATIONAL APPLICATION NO. PCT/JP2006/300780			INTERNATIONAL FILING DATE January 13, 2006	PRIORITY DATE CLAIMED January 13, 2005				
		NVENTION L SYSTEM OF INTERNAL COMB	USTION ENGINE					
Masa	ashi F	T(S) FOR DO/EO/US HAKARIYA; Takashi TSUNOOKA						
Appli	cant h	nerewith submits to the United States	s Designated/Elected Office (DO/E	O/US) the following items and other information:				
1.	$\boxtimes$	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2.		This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.						
3.	×	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.		The US has been elected (Article 31).						
<b>5</b> .	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
		a. 🛛 is attached hereto (required	only if not communicated by the Ir	nternational Bureau).				
		b. $\ \square$ has been communicated by	the International Bureau.					
		c. $\square$ is not required, as the applic	cation was filed in the United State	s Receiving Office (RO/US).				
6.	$\boxtimes$	An English language translation of	the International Application as file	d (35 U.S.C. 371(c)(2))				
		a. 🛛 is attached hereto.						
•		b.	ed under 35 U.S.C. 154(d)(4).					
		c.	n was filed in English.					
7.		Amendments to the claims of the Ir	nternational Application under PCT	Article 19 (35 U.S.C. 371(c)(3))				
		a.   are attached hereto (require	ed only if not communicated by the	International Bureau).				
		b.  have been communicated by	y the International Bureau.					
		c.  have not been made; however	ver, the time limit for making such a	amendments has NOT expired.				
		d.	il not be made.					
8.		An English language translation of	the amendments to the claims und	ler PCT Article 19 (35 U.S.C. 371(c)(3)).				
9.	$\boxtimes$	An oath or declaration of the invent	or(s) (35 U.S.C. 371(c)(4)).					
10.		An English language translation of (35 U.S.C. 371(c)(5)).	the annexes of the International Pr	reliminary Examination Report under PCT Article 36				
Items	s 11 t	o 20 below concern document(s)	or information included:					
11.	$\boxtimes$	An Information Disclosure Stateme	nt under 37 CFR 1.97 and 1.98.					
12.	$\boxtimes$	An assignment document for record	ding. A separate cover sheet in co	impliance with 37 CFR 3.28 and 3.31 is included.				
13.	$\boxtimes$	A preliminary amendment.						
14.	$\boxtimes$	An Application Data Sheet under 37	7 CFR 1.76.					
15.		A substitute specification.						
16.	$\boxtimes$	A power of attorney and/or change	of address letter.					
17.		A computer-readable form of the se	equence listing in accordance with	PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.				
18.		A second copy of the published inte	ernational application under 35 U.S	S.C. 154(d)(4).				
19.		A second copy of the English langu	age translation of the international	application under 35 U.S.C. 154(d)(4).	ż			
20.	×	The International Search Report is	attached to the Information Disclo	sure Statement.	1			

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		In O Ite						
U.S. AT LIFATION OF (1850M) & NEW S. Paters Application	37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO. PCT/JP2006/300780		ATTORNEY'S DOCKET NUMBER 129519				
21.  The following fees a	PC1/JP2006/300/60		CALCULATIONS	PTO USE ONLY				
21. Z The following lees a	are submitted.			CALCULATIONS	FIO OSE ONLY			
BASIC NATIONAL FEE (37	CFR 1.492(a)):		\$ 300.00	\$300.00				
SEARCH FEE (37 CFR 1.492				\$400.00				
International preliminary exam	nination report or v	vritten opinion prepared	by .		:			
the USPTO as IPEA or ISA a industrial applicability for all or								
national phase								
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International search fee (37 C		:						
International accust asset as								
International search report prother the search fee is paid								
,			<b>V</b> 130100					
All situations not provided for	above		\$ 500.00					
<b>EXAMINATION FEE (37 CFF</b>	R 1.492(c)(1)-(2)):			\$200.00				
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International preliminary exarthe USPTO as IPEA or ISA a	mination report or v	vritten opinion prepared	d by					
industrial applicability for all of	claims presented in	the application entering	ig the					
national phase			\$ 0.00					
All situations not provided for				•				
Surcharge of \$130.00 for furn declaration after the date of controls.	commencement of	the national phase (37	e or the bath or CFR 1.492(h)).	\$				
APPLICATION SIZE FEE								
Total pages 42 - 100 =	÷ 50	= +	x 250 =	\$				
†round up to next integer		1	l					
	NUMBER FILED	NUMBER EXTRA	RATE	\$				
TOTAL CLAIMS	4 - 20	=	x 50.00 =	\$				
INDEPENDENT CLAIMS	2 - 3	=	x 200.00 =	\$				
MULTIPLE DEPENDENT CL	AIM(S)(if applicabl	e)	+ 360.00 =	\$				
***		TOTAL OF ABOVE (	CALCULATIONS =	\$900.00				
☐ Applicant claims small er	ntity status. See 3	7 CFR 1.27. The fees	indicated above are	\$				
reduced by ½.			SUBTOTAL =	\$900.00	·			
Processing fee of \$130.00 for	r furnishing the En	nlish translation later th		\$900.00				
the earliest claimed priority da	ate (37 CFR 1.492	(i)).	ian so months from	Ψ	:			
		TOTAL	NATIONAL FEE =	\$900.00				
Fee for recording the enclose	ed assignment (37	CFR 1.21(h)). The ass	ignment must be	\$				
accompanied by an appropria	ate cover sneet (37		EES ENCLOSED =	\$900.00				
		IOIALF	ES ENCLUSED -	·				
				Amount to be refunded:	\$			
				charged:	\$			
a.   Check No. 18444	5 in the amount of	\$900.00 to cover the a	bove fees is enclosed					
		No in the amou	nt of \$ to cover	the above fees. A du	plicate copy of this			
sheet is enclosed		izad ta abarza zau = ++	itianal fassbisb	the required as a set	<b>.</b>			
c.	ei is nereby author No. 15-0461. A du	plicate copy of this she	monar rees which may eet is enclosed.	, be required, or credi	t any overpayment to			
Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed.  d.   Fees are to be charged to a credit card. <b>WARNING</b> : Information on this form may become public. <b>Credit card</b>								
information shou	uld not be include	ed on this form. Provi	de credit card informa	ition and authorization	on PTO-2038.			
NOTE: Where an appropr	iata tima limit	der 37 CED 4 405 bas	not been met a net	tion to revive <del> 10</del> 7 CF	D 1 127/5\ 5= /5\\			
	granted to restor	der 37 CFR 1.495 has e the application to p	ending status. 🕏	CF	N 1.137(a) OF (D))			
SEND ALL CORRESPONDENCE TO:								
OLIFF & BERRIDGE, PLC								
Customer Number: 25944 NAME: James A. Oliff								
			REGISTRATIO	ON NUMBER: 27,0	75			
Date September 21, 200	06		NAME: Linda	M. Saltiel				
	<del></del>		ON NUMBER: 51,1	22				
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Neway S Fatent Application	C.F.R. 1.5)	INTERNATIONAL APPLICATION PCT/JP2006/300780			NUMBER				
21.  The following fees are	submitted:	FC1/3F2000/300/80		129519  CALCULATIONS PTO USE ONLY					
21. <b>123</b> 11.0 10.101111111111111111111111111111				UNESCENTIONS.	110 002 01121				
BASIC NATIONAL FEE (37 CF	\$300.00								
SEARCH FEE (37 CFR 1.492(t	o)(1)-(3)):			\$400.00					
International preliminary examir the USPTO as IPEA or ISA and industrial applicability for all clai national phase									
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA									
International search report provided to USPTO no later than the time at which the search fee is paid									
All situations not provided for at	bove	•••••	\$ 500.00						
<b>EXAMINATION FEE (37 CFR 1</b>				\$200.00					
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase									
All situations not provided for at									
Surcharge of \$130.00 for furnish declaration after the date of con	hing the search f nmencement of t	ee, the examination fe the national phase (37	e or the oath or CFR 1.492(h)).	\$	<b></b>				
APPLICATION SIZE FEE	÷ 50	= †	x 250 =	\$					
Total pages 42 - 100 =	+ 50	_ I	λ 250 -	Ψ					
†round up to next integer	IMPED EILED	L AU MOED EVEDA	DATE	•					
CLAIMS NU TOTAL CLAIMS	UMBER FILED 4 - 20	NUMBER EXTRA	RATE x 50.00 =	\$ \$					
INDEPENDENT CLAIMS	2 - 3	=	x 200.00 =	\$					
MULTIPLE DEPENDENT CLAI		e)	+ 360.00 =	\$	·				
		TOTAL OF ABOVE (		\$900.00					
☐ Applicant claims small entit	ty status. See 37	7 CFR 1.27. The fees	indicated above are	\$					
reduced by ½.	<del></del>		SUBTOTAL =	\$900.00					
Processing fee of \$130.00 for fu	urnishing the Eng	alish translation later th		\$	·				
the earliest claimed priority date	e (37 CFR 1.492)	(i)).							
			NATIONAL FEE =	\$900.00					
Fee for recording the enclosed accompanied by an appropriate	assignment (37 ( cover sheet (37	CFR 1.21(h)).  The ass CFR 3.28. 3.31). <b>\$40</b>	signment must be	\$					
			ES ENCLOSED =	\$900.00					
		1.5		Amount to be					
				refunded:	\$				
				charged:	\$				
<ul> <li>sneet is enclosed.</li> <li>The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.</li> </ul>									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriat	te time limit und	der 37 CFR 1.495 has	not been met. a peti	tion to revive (37 CF	R-1.137(a) or (b))				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  SEND ALL CORRESPONDENCE TO:									
OLIFF & BERRIDGE, PLC									
Customer Number: 25944 NAME: James A. Oliff REGISTRATION NUMBER: 27,075									
Date September 21, 2006  NAME: Linda M. Saltiel REGISTRATION NUMBER: 51,122					22				
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